

Monster MH22210

Monster Wireless Earbuds Open AC601 User Manual

Model: MH22210

INTRODUCTION

Thank you for choosing the Monster Wireless Earbuds Open AC601. These open-ear headphones are designed to provide a high-fidelity audio experience with comfort and convenience. Featuring advanced Bluetooth 5.4 technology, ENC call noise reduction, and IPX5 waterproofing, they are suitable for various activities and environments. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your new earbuds to ensure optimal performance.



Monster Open AC601

Pure Monster Sound. Enjoy the charm of music.



Image: Monster Open AC601 Earbuds and Charging Case. The image displays the black earbuds with gold accents and their sleek charging case, highlighting the product's design.

1. SETUP

1.1 Unboxing and Components

Upon opening the package, ensure all components are present:

- Monster Wireless Earbuds Open AC601 (Left and Right)
- Charging Case

- USB Type-C Charging Cable
- User Manual (this document)

Note: The product specifications mention "Blu-ray" as an included component, which is an error. Please disregard this and refer to the actual physical contents of your package.

1.2 Charging the Earbuds and Case

Before first use, fully charge the earbuds and the charging case.

1. Connect the provided USB Type-C charging cable to the charging port on the case.
2. Connect the other end of the cable to a USB power source (e.g., computer USB port, wall adapter).
3. The indicator lights on the charging case will show the charging status.
4. Place the earbuds into the charging case. They will begin charging automatically.

A full charge for the case and earbuds provides up to 32 hours of total playtime. The earbuds themselves offer approximately 8 hours of listening time on a single charge, with fast charging allowing for quick power-ups.



Image: Monster Open AC601 Earbuds and Charging Case with 32H Playtime. This image illustrates the earbuds inside their charging case, with a large '32H' indicating the total battery life, and smaller icons showing 1 hour fast

charging, 8 hours for earbuds, and 32 hours for the charging case.

1.3 Bluetooth Pairing

The Monster AC601 earbuds utilize Bluetooth 5.4 technology for a stable and efficient connection.

1. Open the charging case. The earbuds will automatically enter pairing mode.
2. On your device (smartphone, tablet, computer), go to the Bluetooth settings.
3. Search for available devices and select "Monster Open AC601" from the list.
4. Once connected, you will hear a confirmation tone, and the earbuds will be ready for use.

Bluetooth 5.4

Low Latency, Stable Connection, Synchronized Sound with Image



Image: Bluetooth 5.4 Technology in Monster AC601 Earbuds. This image provides a transparent view of an earbud, highlighting the internal circuitry and the Bluetooth 5.4 chip, emphasizing the advanced connectivity.

1.4 How to Wear

The Monster AC601 earbuds feature an open-ear clip design for comfortable and secure wear.

1. Identify the small part and the big part of the earbud. The small part goes into the ear canal, and the big part hooks behind the ear.

2. Gently clip the "Monster Open AC601" onto your ear, ensuring the speaker is positioned correctly near your ear canal.
3. Adjust the earbud to a comfortable and secure position. The high elasticity material ensures a good fit for most ear shapes.



Image: How to Wear Monster Open AC601 Earbuds. This diagram shows a step-by-step guide on correctly placing the earbuds: identifying the small and big parts, clipping them onto the ear, and adjusting for comfort.

Comfortable Wearing Design

High Elasticity



Lightweight
and Soft



Image: Comfortable Wearing Design of Monster AC601 Earbuds. This image highlights the high elasticity and lightweight nature of the earbuds, contributing to their comfortable fit.

2. OPERATING INSTRUCTIONS

2.1 Touch Controls

The Monster AC601 earbuds feature intuitive touch controls for easy management of calls and music playback.



Image: Monster AC601 Earbuds Touch Control Guide. This diagram illustrates the various touch gestures and their corresponding functions for both left and right earbuds.

Action	Function
Tap x2 (L/R)	Answer/End Call
Tap x2 (L/R)	Play/Pause Music
Tap x2 (L/R) for 2s	Decline Phone Call
Tap x3 (L)	Previous Song
Tap x3 (R)	Next Song
Tap x1 (R)	Increase Volume
Tap x1 (L)	Reduce Volume
Tap x2 (L/R) for 2s	Activate Voice Assistant

2.2 Sound Quality

Experience Pure Monster Sound with the AC601 earbuds. They are equipped with advanced 13mm PVK composite sound film, delivering HI-FI level audio with powerful low frequencies and crystal-clear highs. The acoustic cavity structure enhances the sound, providing an immersive listening experience.



13mm Speaker Dynamic Audio



Acoustic Cavity Structure

Upgraded Hi-Fi Level Sound Quality

Image: Monster AC601 Earbud Internal Components for Sound Quality. This image shows an exploded view of an earbud, highlighting the 13mm speaker dynamic audio driver and the acoustic cavity structure responsible for the upgraded Hi-Fi level sound quality.

2.3 Call Noise Reduction (ENC)

The Monster AC601 earbuds feature advanced Environmental Noise Cancellation (ENC) technology. This effectively reduces background noise during calls, ensuring clear conversations that mimic face-to-face communication, even in noisy environments.

ENC Call Noise Reduction

Clear calls with intelligent noise reduction technology



Image: ENC Call Noise Reduction Feature of Monster AC601 Earbuds. A woman is shown wearing the earbuds, with a graphic overlay indicating the ENC technology for clear calls with intelligent noise reduction.

2.4 IPX5 Waterproof Rating

Designed for active lifestyles, these earphones have an IPX5 waterproof rating. This means they are protected against splashes of water from any direction, making them suitable for use during workouts, light rain, or when exposed to sweat. They are not designed for submersion in water.



IPX5 Waterproof, Silicone Material

Effectively blocks sweat and light rain from flowing into the earphones

Image: IPX5 Waterproof Feature of Monster AC601 Earbuds. A man is shown wearing the earbuds in a gym setting, with text indicating the IPX5 waterproof and silicone material effectively blocks sweat and light rain.

3. MAINTENANCE

3.1 Cleaning

To maintain optimal performance and hygiene, regularly clean your earbuds and charging case.

- Use a soft, dry, lint-free cloth to wipe the earbuds and charging case.
- For stubborn dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaner.
- Do not use harsh chemicals, aerosols, or abrasive cleaners.
- Ensure the charging contacts on both the earbuds and the case are clean and free of debris to ensure proper charging.

3.2 Storage

When not in use, store your Monster AC601 earbuds in their charging case to protect them from dust, dirt, and

physical damage. Store the case in a cool, dry place away from direct sunlight and extreme temperatures.

4. TROUBLESHOOTING

If you encounter any issues with your Monster Wireless Earbuds Open AC601, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Earbuds not pairing or connecting	Bluetooth is off on device; Earbuds not in pairing mode; Interference; Already connected to another device.	Ensure Bluetooth is enabled on your device. Place earbuds in case, close, then open to re-enter pairing mode. Move closer to your device. Disconnect from other devices.
No sound or low volume	Volume too low on device/earbuds; Earbuds not properly worn; Earbuds not connected.	Increase volume on both your device and the earbuds using touch controls. Adjust earbuds for proper fit. Re-pair the earbuds.
Charging issues	Charging cable/port faulty; Dirty charging contacts; Earbuds not seated correctly.	Try a different USB-C cable and power source. Clean the charging contacts on earbuds and case. Ensure earbuds are securely placed in the case.
Uncomfortable fit or falling out	Incorrect wearing method; Ear shape incompatibility.	Review the "How to Wear" section and adjust the earbuds. While designed for comfort, individual ear shapes may vary.
Call quality issues (e.g., background noise)	Excessive environmental noise; Microphone obstruction.	Ensure the microphone area is clear. While ENC reduces noise, extreme environments may still affect clarity.

5. SPECIFICATIONS

Feature	Detail
Model Name	MH22210
Connectivity Technology	Wireless (Bluetooth)
Wireless Communication Technology	Bluetooth 5.4
Frequency Range	20 Hz - 20,000 Hz
Style	Monster Open AC601 Light Black
Control Method	Touch
Earpiece Shape	Bud
Ear Placement	Open Ear
Noise Control	Active Noise Cancellation (ENC for calls)
Manufacturer	Monster

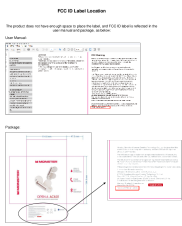




Feature	Detail
Package Dimensions	5.24 x 4.49 x 1.93 inches
Item Weight	5.3 ounces
Batteries	1 A batteries required (included)
Battery Life	Up to 32 hours total (with charging case)
Waterproof Rating	IPX5

6. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Monster website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.
Manufacturer: Monster

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Related Documents - MH22210

	<p>Monster MH22210 Bluetooth Headphones FCC ID Label Location and Compliance Information</p> <p>Details on the FCC ID label location for Monster MH22210 Air Conduction Bluetooth Headphones, including user manual and package information, compliance statements, and manufacturer details.</p>
	<p>Monster Open Ear AC601 Bluetooth Headphones Quick Start Guide</p> <p>A concise guide to setting up and using the Monster Open Ear AC601 Bluetooth Headphones, including pairing, wearing, controls, and LED indicators.</p>
	<p>Monster DNA Fit Wireless Earbuds: User Manual and Guide</p> <p>Comprehensive guide to the Monster DNA Fit wireless earbuds, covering setup, operation, charging, specifications, and troubleshooting. Features Pure Monster Sound technology.</p>
	<p>Monster Open Ear AC225 Bluetooth Headphones Quick Start Guide</p> <p>A concise guide to setting up and using your Monster Open Ear AC225 Bluetooth Headphones, covering charging, pairing, wearing, and basic operations.</p>
	<p>Monster DNA GO True Wireless Earbuds User Manual and Specifications</p> <p>Official user manual and technical specifications for the Monster DNA GO True Wireless Earbuds, covering setup, operation, charging, troubleshooting, and product details.</p>



Get started quickly with the Monster Aria Free open-ear wireless headphones. This guide covers charging, pairing, controls, and wearing instructions for model MH22134.

Documents - Monster – MH22210



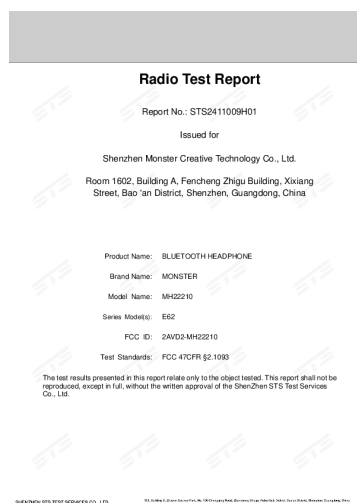
[\[pdf\]](#) Decleration of Conformity

Family declaration Shenzhen Monster Creative Technology Co Ltd MH22210 BLUETOOTH
HEADPHONE 2AVD2 2AVD2MH22210 mh22210

Shenzhen Monster Creative Technology Co., Ltd Product Similarity Declaration

Product name: BLUETOOTH HEADPHONE Model name: **MH22210**, E62 FCC ID: 2AVD2-**MH22210** We Shenzhen Monster Creative Technology Co., Ltd hereby state that all the models are electrical identical including the same software param...

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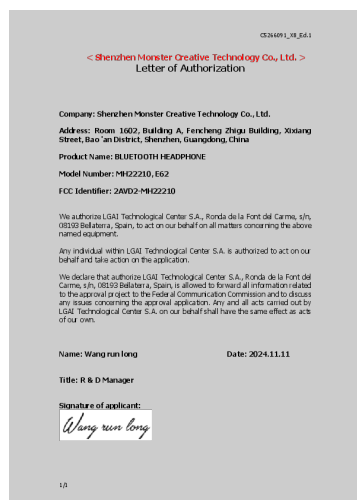


[\[pdf\]](#) Test Report SAR Rating

Measurement Report Kent RF Exposure Shenzhen Monster Creative Technology Co Ltd MH22210
BLUETOOTH HEADPHONE 2AVD2 2AVD2MH22210 mh22210

Radio Test Report Report No.: STS2411009H01 Issued for Shenzhen Monster Creative Technology Co., Ltd. Room 1602, Building A, Fencheng Zhigu Building, Xixiang Street, Bao an District, Shenzhen, Guangdong, China Product Name: BLUETOOTH HEADPHONE Brand Name: MONSTER Model Name: **MH22210** Series Model s ...

lang:en score:33 filesize: 468.89 K page count: 9 document date: 2024-11-14



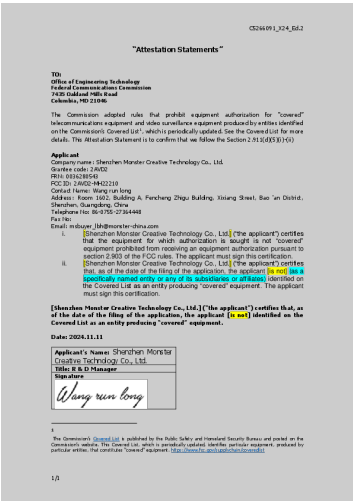
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Adria Galin Pons Letter Authorization Shenzhen Monster Creative Technology Co Ltd MH22210
BLUETOOTH HEADPHONE 2AVD2 2AVD2MH22210 mh22210

C5266091 X8 Ed.1 Shenzhen Monster Creative Technology Co., Ltd. Letter of

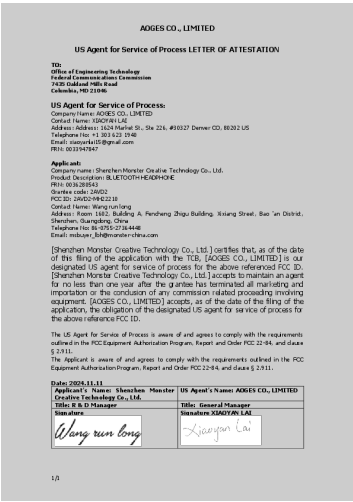
Authorization Company ... treet, Bao an District, Shenzhen, Guangdong, China
Product Name: BLUETOOTH HEADPHONE Model Number: **MH22210**, E62 FCC
Identifier: 2AVD2-**MH22210** We authorize LGAI Technological Center S.A., Ronda de
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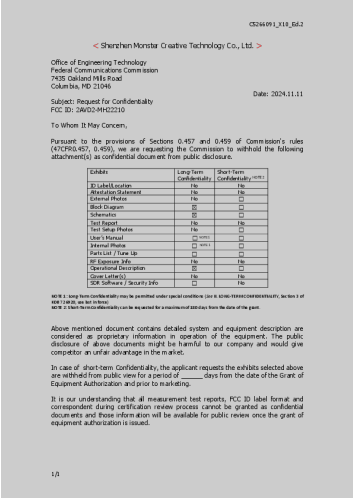
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Adria Galin Pons Attestation Statement Shenzhen Monster Creative Technology Co Ltd MH22210
BLUETOOTH HEADPHONE 2AVD2 2AVD2MH22210 mh22210
Attestation Statements C5266091_X24_Ed.2 TO: Office of Engineering Technology
Federal Communicat ... Shenzhen Monster Creative Technology Co., Ltd. Grantee
code: 2AVD2 FRN: 0036280543 FCC ID: 2AVD2-**MH22210** Contact Name: Wang run
long Address: Room 1602, Building A, Fencheng Zhigu Building, Xixia...
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Adria Galin Pons US Agent Shenzhen Monster Creative Technology Co Ltd MH22210 BLUETOOTH
HEADPHONE 2AVD2 2AVD2MH22210 mh22210
AOGES CO., LIMITED US Agent for Service of Process LETTER OF ATTESTATION
TO: Office of Engineering ... o., Ltd. Product Description: BLUETOOTH
HEADPHONE FRN: 0036280543 Grantee code: 2AVD2 FCC ID: 2AVD2-**MH22210**
Contact Name: Wang run long Address: Room 1602, Building A, Fencheng Zhigu
Building, Xixiang...
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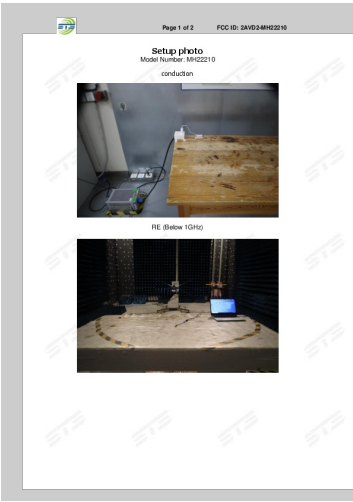
[pdf] Confidentiality Request Letter

Adria Galin Pons Confidentiality Shenzhen Monster Creative Technology Co Ltd MH22210 BLUETOOTH
HEADPHONE 2AVD2 2AVD2MH22210 mh22210
C5266091_X10_Ed.2 Shenzhen Monster Creative Technology Co., Ltd. Office of
Engineering Technology Federal Communications Commission 7435 Oakland Mills
Road Columbia, MD 21046 Subject: Request for Confidentiality FCC ID:
2AVD2-**MH22210** Date: 2024.11.11 To Whom It May Concern, Pursuant to the ...
lang:en score:30 filesize: 145.02 K page_count: 2 document date: 2024-11-14



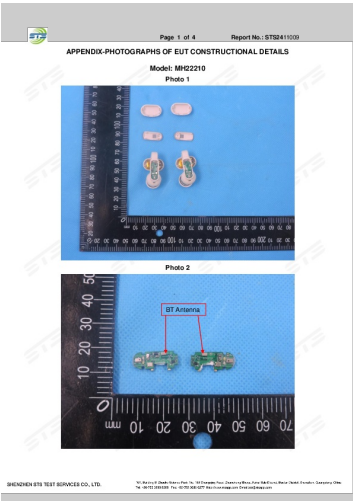
[pdf] Test Report

Measurement Report Kent Test report 1 Shenzhen Monster Creative Technology Co Ltd MH22210
BLUETOOTH HEADPHONE 2AVD2 2AVD2MH22210 mh22210
ABTSL Radio Test Report Report No.:STS2411009W01 Issued for Shenzhen
Monster Creative Technology Co., Ltd. Room 1602, Building A, Fencheng Zhigu
Building, Xixiang Street, Bao an District, Shenzhen, Guangdong, China Product
Name: BLUETOOTH HEADPHONE Brand Name: MONSTER Model Name:
MH22210 Series M...
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[pdf] Product Photos

admin Test Setup photo Shenzhen Monster Creative Technology Co Ltd MH22210 BLUETOOTH
HEADPHONE 2AVD2 2AVD2MH22210 mh22210
Page 1 of 2 FCC ID: 2AVD2-**MH22210** Setup photo Model Number: **MH22210**
conduction RE Below 1GHz Page 2 of 2 FCC ID: 2AVD2-**MH22210** RE Above 1GHz
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[pdf] Product Photos Teardown

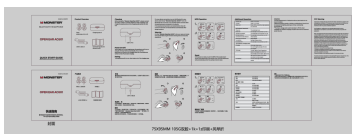
Measurement Report Kent Internal photos Shenzhen Monster Creative Technology Co Ltd MH22210
BLUETOOTH HEADPHONE 2AVD2 2AVD2MH22210 mh22210
Page 1 of 4 Report No.: STS2411009 APPENDIX-PHOTOGRAPHS OF EUT
CONSTRUCTIONAL DETAILS Model: **MH22210** Photo 1 Photo 2 BT Antenna Page 2
of 4 Photo 3 Report No.: STS2411009 Photo 4 Page 3 of 4 Photo 5 Report No.:
STS2411009 Photo 6 Page 4 of 4 Photo 7 Report No.: STS2411009 ...
lang:en score:25 filesize: 930.54 K page_count: 4 document date: 2024-11-19



[\[pdf\] Product Photos](#)

Measurement Report Kent External photos Shenzhen Monster Creative Technology Co Ltd MH22210
BLUETOOTH HEADPHONE 2AVD2 2AVD2MH22210 mh22210

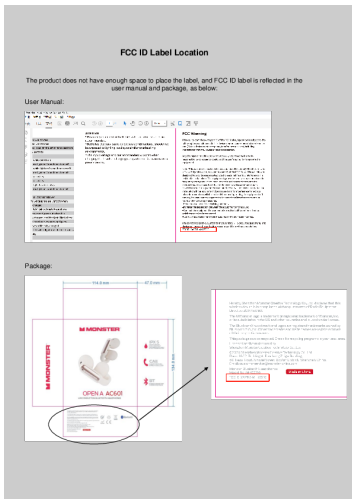
Page 1 of 8 Report No.: STS2411009 APPENDIX-PHOTOGRAPHS OF EUT
CONSTRUCTIONAL DETAILS Model: **MH22210** Photo 1 Photo 2 Page 2 of 8 Photo 3
Report No.: STS2411009 Photo 4 Page 3 of 8 Photo 5 Report No.: STS2411009
Photo 6 Page 4 of 8 Photo 7 Report No.: STS2411009 Photo 8 Page 5 of 8 ...
lang:en score:25 filesize: 1.97 M page_count: 8 document date: 2024-11-08



[Monster Open Ear AC601 Bluetooth Headphones Quick Start Guide](#)

A concise guide to setting up and using the Monster Open Ear AC601 Bluetooth Headphones, including pairing, wearing, controls, and LED indicators.

lang:en score:21 filesize: 2.73 M page_count: 1 document date: 2024-11-12



[Monster MH22210 Bluetooth Headphones FCC ID Label Location and Compliance Information](#)

Details on the FCC ID label location for Monster MH22210 Air Conduction Bluetooth Headphones, including user manual and package information, compliance statements, and manufacturer details.

lang:en score:14 filesize: 197.71 K page_count: 1 document date: 2024-11-25



[\[pdf\] Test Report](#)

Measurement Report Kent Test report 2 Shenzhen Monster Creative Technology Co Ltd MH22210
BLUETOOTH HEADPHONE 2AVD2 2AVD2MH22210 mh22210


Page 80 of 157 Report No.: STS2411009W01 Band Edge NVNT 1-DH5 2480MHz
No-Hopping Ref Band Edge NVNT 1-DH5 2480MHz No-Hopping Emission Page 81
of 157 Report No.: STS2411009W01 Band Edge NVNT 2-DH5 2402MHz No-Hopping
Ref Band Edge NVNT 2-DH5 2402MHz No-Hopping Emission Page 82 of 157
Report...

lang:en score:13 filesize: 4.85 M page_count: 78 document date: 2024-11-19


2.0X1.2X0.65 (mm) WiFi/Bluetooth Ceramic Chip Antenna
(YF2012C1) Engineering Specification

1. Product Number

YF	2012	C1	P	2G45
1	2	3	4	5



(1)Product Type	Chip Antenna
(2)Size Code	2.0x1.2x0.65mm
(3)Type Code	C1
(4)Packing	Paper & Reel
(5)Frequency	2.45GHz



SHEN ZHEN YINGFENG ANTENNA TECHNOLOGY CO., LTD
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Pingtan Community, Taidian Street, Nanshan District, Shenzhen

Prepared by : JING

Designed by : Jason

Checked by : Jason

Approved by : MIA FANG

TITLE : 2.0 x 1.2 x 0.65(mm) WiFi/Bluetooth Ceramic Chip
Antenna (YF2012C1) Engineering Specification

NO.

YF2012C1P2G45

REV.

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PAGE 1

OF 5

[pdf] Specifications

GPS PA 00A Patch Antenna Super User Specification Shenzhen Monster Creative Technology Co Ltd
MH22210 BLUETOOTH HEADPHONE 2AVD2 2AVD2MH22210 mh22210

2.0X1.2X0.65 mm WiFi/Bluetooth Ceramic Chip Antenna YF2012C1 Engineering Specification 1. Product Number YF 2012 C1 P 2G45 1 2 345 1 Product Type 2 Size Code 3 Type Code 4 Packing 5 Frequency Chip Antenna 2.0x1.2x0.65mm C1 Paper Reel 2.45GHz SHEN ZHEN YINGFENG ANTENNA TECHNOLOGYCO.,...

lang:en score:13 filesize: 844.45 K page_count: 9 document date: 2024-03-14